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Db 661 GGCAGAGATATACCCCTTACCTGTGACTGTGACAGGACACCTAACCTGAAAGAGCTG 720
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Db 721 GACAGCTCCCTCTCTGTTTCTGAACTGCCACAGGGGAGAGTCTCTTCACTGAGGCT 780
Qy 721 CTCGGGAGTCCCTCAGCTTCTACATCAAGCTTAAGTGAAGAGAGCTCTCTTGAATAT 780
Db 781 CTCGGGAGTCCCTCAGCTTCTACATCAAGCTTAAGTGAAGAGAGCTCTCTTGAATAT 840
Qy 781 GCC 783
Db 841 GCC 843

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RESULT 4

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LOCUS AX452880 2567 bp DNA linear PAT 06-JUL-2002
DEFINITION Sequence 1 from Patent WO0242457.
ACCESSION AX452880
VERSION AX452880.1 GI:21712520
KEYWORDS
SOURCE
ORGANISM human
Eukaryote; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

```

REFERENCE 1
AUTHORS Chang, H., Yang, W. P., Wu, Y., Whitney, G. S., Perez-Villar, J. J. and Kanner, S. B.

TITLE

Cloning and expression of human slap-2: a novel sh2/sh3 domain-containing human slap homologue having immune cell-specific expression

JOURNAL

Patent: WO 0242457-A 1 30-MAY-2002;
Bristol-Myers Squibb Co. (US)

FEATURES

source

1. 2567
/organism="Homo sapiens"
/db_xref="taxon:9606"

BASE COUNT 611 a 741 c 666 g 549 t
ORIGIN

Query Match 100.0%; Score 783; DB 6; Length 2567;
Best Local Similarity 100.0%; Pred. No. 6,7e-193;
Matches 783; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 1 ATGGGAAGTGTGCCAGAGAAATCTCTGCCAAGCCCAAGCTTGAAGTCTCTGTC 60
Db 415 ATGGGAAGTGTGCCAGAGAAATCTCTGCCAAGCCCAAGCTTGAAGTCTCTGTC 474
Qy 61 CAAGGCCAGGAGCTGTGACCTGTGACCTGTGACGAGAGAGAGAGAGAGAGAGAGAG 120
Db 475 CAAGGCCAGGAGCTGTGACCTGTGACGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 534
Qy 121 GGCAGTTTCCCGGAGAGTGGCCGCGGAGCTGTGCTGAGCTGTGGAGAGCATTGACC 180
Db 535 GGCAGTTTCCCGGAGAGTGGCCGCGGAGCTGTGCTGAGCTGTGGAGAGCATTGACC 594
Qy 181 ATGCTCTGTGAGATGAGAACTGTGTGAGCGGTCTGTGAAGTCTTCAAGCAGAGAT 240
Db 595 ATGCTCTGTGAGATGAGAACTGTGTGAGCGGTCTGTGAAGTCTTCAAGCAGAGAT 654
Qy 241 AACATCCCAAGCTTCCAGCTGAGCAAAATCTCCCATGGGTGCTGTATGAGGGCTGAGC 300
Db 655 AACATCCCAAGCTTCCAGCTGAGCAAAATCTCCCATGGGTGCTGTATGAGGGCTGAGC 714
Qy 301 AGGAGAAAGCAAGAAATCTGTGTGTATCTGTGGAAGAGAGAGAGAGAGAGAGAGAG 360
Db 715 AGGAGAAAGCAAGAAATCTGTGTGTATCTGTGGAAGAGAGAGAGAGAGAGAGAGAG 774
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Db 895 TCACCGGCGCTCACTTCCCTCAGCTCAGAGCCCTGTGTGAGAGAGAGAGAGAGAG 954
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Qy 721 CTCGGGAGTCCCTCAGCTTCTACATCAAGCTTAAGTGAAGAGAGAGAGAGAGAGAT 780
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Qy 781 GCC 783
Db 1195 GCC 1197

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RESULT 5
LOCUS AX443133 1183 bp DNA linear PAT 02-JUL-2002
DEFINITION Sequence 74 from Patent WO0216599.
ACCESSION AX443133
VERSION AX443133.1 GI:21690555
KEYWORDS

SOURCE

human.

ORGANISM

Eukaryote; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE

1 Burgess, C. E., Conley, P. B., Grose, W. M., Hart, M., Kekuda, R., Shimmers, R. A., Spytek, K. A., Szekeres, E. S., Tomlinson, J. E., Topper, J. N. and Yang, R. B.

TITLE

Proteins and nucleic acids encoding same

JOURNAL

Patent: WO 0216599-A 74 28-FEB-2002;
Curagen Corporation (US); COR THERAPEUTICS, INC. (US)

FEATURES

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1. 1183
/organism="Homo sapiens"
/db_xref="taxon:9606"

BASE COUNT 251 a 359 c 333 g 240 t
ORIGIN

Query Match 99.8%; Score 781.4; DB 6; Length 1183;
Best Local Similarity 99.8%; Pred. No. 1.8e-192;
Matches 782; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Db 458 CAAGGCCAGGAGCTGTGACCTGTGACGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 517
Qy 121 GGCAGTTTCCCGGAGAGTGGCCGCGGAGCTGTGCTGAGCTGTGGAGAGAGAGAGAGAG 180
Db 518 GGCAGTTTCCCGGAGAGTGGCCGCGGAGCTGTGCTGAGAGAGAGAGAGAGAGAGAGAG 577
Qy 181 ATGCTCTGTGAGATGAGAACTGTGTGAGCGGTCTGTGAAGTCTTCAAGCAGAGAT 240

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Db	726	CAAGGCCAGGACCTGTGACCATGAGAGCAGAGAAAGCAGAGCCACAGCCGTGGCCCTG	667
Qy	121	GGCAGTTTCCCGACAGTGGCCCGCCGACAGCTGTCGTAGACTCTGGGGAGCCATTGAC	180
Db	666	GGCAGTTTCCCGACAGTGGCCCGCCGACAGCTGTCGTAGACTCTGGGGAGCCATTGAC	607
Qy	181	ATCGTCTTGAAGATGAGACTGTGTGAACGGTGTCTGTAAAGTCTCAGGCAGAGAGTAT	240
Db	606	ATCGTCTTGAAGATGAGACTGTGTGAACGGTGTCTGTAAAGTCTCAGGCAGAGAGTAT	547
Qy	241	AACATCCCAGAGCTCACTGAGGCAAAAGTCCCATAGGGTGGCTGTATGAGGGCCCTGAC	300
Db	546	AACATCCCAGAGCTCACTGAGGCAAAAGTCCCATAGGGTGGCTGTATGAGGGCCCTGAC	487
Qy	301	AGGAGAAAGCAGAGAACTGCTGTTGTACCTTGGAAACCTTGAGAGGGGCTTCTCTATC	360
Db	486	AGGAGAAAGCAGAGAACTGCTGTTGTACCTTGGAAACCTTGAGAGGGGCTTCTCTATC	427
Qy	361	CGGAGAGCCAGACAGAGAGGCTCTTACTCTGTCAAGTCCGCTCAGCCGCCCTGCA	420
Db	426	CGGAGAGCCAGACAGAGAGGCTCTTACTCTGTCAAGTCCGCTCAGCCGCCCTGCA	367
Qy	421	TCCTGGAGCCGAGATCAGACTGACAGATCCACTGCTTGAACATGGCTGGCTGTACATC	480
Db	366	TCCTGGAGCCGAGATCAGACTGACAGATCCACTGCTTGAACATGGCTGGCTGTACATC	307
Qy	481	TCACCGGCGCTACCTTCCCCTCACTCCAGGCCCCGTGTGGAACATTCCTGTAGCTGGC	540
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Qy	541	GATGACATCTGCTGCTTACTCAAGAGGCCCTGTGTCTCTCAGAGGGCTGGCCCTCTCT	600
Db	246	GATGACATCTGCTGCTTACTCAAGAGGCCCTGTGTCTCTCTCAGAGGGCTGGCCCTCTCT	187
Qy	601	GGCAGAGATATACCCCTACCTGAGACTGTGTGAGAGGACACACTCAACTGTGAAAGAGCTG	660
Db	186	GGCAGAGATATACCCCTACCTGAGACTGTGTGAGAGGACACACTCAACTGTGAAAGAGCTG	127
Qy	661	GACAGCTCCCTCTCTGTTTCTGAAGCTGCACAGAGGAGAGCTCTTCTCAGTAGAGGT	720
Db	126	GACAGCTCCCTCTCTGTTTCTGAAGCTGCACAGAGGAGAGCTCTTCTCAGTAGAGGT	67
Qy	721	CTCCGGGAGTCCCTAGCTTCTACATCAGCTGATGACAGAGCGTGTCTTTTGGATGAT	780
Db	66	CTCCGGGAGTCCCTAGCTTCTACATCAGCTGATGACAGAGCGTGTCTTTTGGATGAT	7
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Db	6	GCC 4	
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DEFINITION	Homo sapiens Src-like adaptor protein-2 splice isoform mRNA,		
ACCESSION	AF290986		
VERSION	AF290986.1		
KEYWORDS			
SOURCE			
ORGANISM	Homo sapiens.		
REFERENCE			
AUTHORS	Ekumajia, J., Metaxos, Chordata; Craniata; Vertebrata; Euteleostomi;		
TITLE	Mallory, J., Eutheria; Primates; Catarrhini, Homiidae; Homo.		
JOURNAL	Submitted (28-JUL-2000) Brain Tumour Research Centre, Hospital for Sick Children, 555 University Avenue, Toronto, Ont M5G 1X8, Canada		

SOURCE Homo sapiens.
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 REFERENCE 1 (bases 1 to 2021)
 AUTHORS Weijerink, P.H., Yanakiev, P., Zorn, I., Grierson, A.J., Bikker, H.,
 Dye, D., Kalaydjieva, L. and Baas, F.
 TITLE The gene for the human Src-like adaptor protein (hSLAP) is located
 within the 64-kb intron of the thryoglobulin gene
 JOURNAL Eur. J. Biochem. 254 (2), 297-303 (1998)
 MEDLINE 98321620
 PUBMED 9660183
 REFERENCE 2 (bases 1 to 2021)
 AUTHORS Weijerink, P.H.S. and Zorn, G.
 TITLE Direct Submission
 JOURNAL Submitted (03-JAN-1996) Peter H.S. Weijerink, Neurology, Academic
 Medical Center, Meibergdreef 9, Amsterdam 1105 AZ, The Netherlands
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 QY 13 CCAGCAGAGAGAAATCTCTGCCAAGCCCAAGCTTGAATTCCTGTCCAAAGCCAGGGA 72
 DB 302 CCAGGAGAGAGAGAAATGAGAAACAGATGAATTCACCCCTGCGCCGAGAGG 361
 QY 73 CCTGACCATGAG 132
 DB 362 CCCCTGCCAACCCGAG 421
 QY 133 GCAGGTGCGCCGAG 192
 DB 422 TCTCTGACATCAGCCCCCGATATTCGCGCAGAGAGAGAGAGAGAGAGAGAGAG 481
 QY 193 GATGAG 252
 DB 482 GAG 541
 QY 253 GTCCAGTGGCCAAAGTCTCCATGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 312
 DB 542 ATATGTGGCCAG 601
 QY 313 GAG 372

DB 602 GAG 661
 QY 373 ACCAG 432
 DB 662 ACCAG 703
 QY 433 ATCAG 492
 DB 704 GTAAAGCATTAACCGATTTTCCTGTGCCCCAACCACTGTACTACATTTCCCAAGCTC 763
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 QY 553 TGGCTACTCAAG 612
 DB 824 TGTGTCTCAACAG 883
 QY 613 CCCCTCACTGTGAG 665
 DB 884 AGCTCACTGTGAG 936

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 LOCUS AX428893 2109 bp DNA linear PAT 21-JUN-2002
 DEFINITION Sequence 14 from Patent WO0123538.
 ACCESSION AX428893
 VERSION AX428893.1 GI:21540285
 KEYWORDS
 SOURCE human.
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1
 AUTHORS Hodgeson, D.M., Lincoln, S.E., Russo, F.D., Spiro, P.A., Banville, S.C.,
 Bratcher, Shawm, R., DuFour, Gerard, E., Cohen, H.J., Rosen, B.H.,
 Shah, P., Chalup, M.S., Hillman, J.L., Jones, Antisa, L., Yu, J.Y.,
 Greenawalt, L.B., Panzer, S.R., Roseberry, A.M., Wright, Rachel, J.,
 Chen, W., Liu, T.F., Yap, P.E., Stockdener, T.K., Amshay, S. and
 Fong, M.T.
 TITLE Molecules for disease detection and treatment
 JOURNAL Patent: WO 0123538-A 14 05-APR-2001;
 Incyte Genomics, Inc. (US)
 FEATURES
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 Best Local Similarity 58.1%; Pred. No. 6.3e-31;
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 QY 127 TTCCGCGAG 186
 DB 504 TACCGTCTCTGACATCAGCCCCCGATATTCGCGCAGAGAGAGAGAGAGAGAG 563
 QY 187 TCTGAGATGAG 246
 DB 564 TCTGATGAAGGGGCTGTGAGAAAGCTATTTCTTTACACTGGTGAAGAGATTACATC 623
 QY 247 CCCAGCCTCAAGTGGCCAAAGTCTCCAGAGAGAGAGAGAGAGAGAGAGAGAGAG 306
 DB 624 CTTGAATATGTGTGACAGAGATTACATGAGCTGCTTTTGAAGGCTTGGCAGAGAG 683
 QY 307 AAAGCAG 366
 DB 684 AAAGCAG 743
 QY 367 AGCAG 426

Db 744 AGTAGACCAAAAGGTTTACTACCTGCGTGGAGACACAG----- 787
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 Db 788 -GCAGATAAACATTCACCGATTTTCCTCTGCCCCAACAATGGTACTATTTCCCG 845
 Oy 487 CGCTCACCCTCCCTCCTCAGGCGCTGTGAGCACTTACTGTAGCTGGCGGATGAC 546
 Db 846 AGGCTACCTTCAGTGTGCTGTGAGGACCTGTGAGAACATTTCTAGAGTGTGATGCG 905
 Oy 547 ATCTGCTGCTTACTCAGAGACCTGTGTCTGTGAGAGGCTGCGCTCTCTGAGGAG 606
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 Oy 607 GATATACCCCTTACTGTGACTGTGACAGAGACACCACTCAACTGAGAAAGAGCTGAGAG 665
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RESULT 12
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 DEFINITION Homo sapiens src-like adapter protein (SLAP) mRNA, complete cds.
 ACCESSION U30473
 VERSION U30473.1 GI:1173538
 KEYWORDS
 SOURCE Homo sapiens.
 ORGANISM Homo sapiens.
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
 AUTHORS Angrist, M., Wells, D.E., Chakravarti, A. and Pandey, A.
 TITLE Chromosomal localization of the mouse Src-like adapter protein (Slap) gene and its putative human homolog SLA
 JOURNAL Genomics 30 (3), 623-625 (1995)
 MEDLINE 8825635
 PUBMED 2
 (bases 1 to 1076)
 REFERENCE
 AUTHORS Angrist, M.H., Wells, D., Chakravarti, A. and Pandey, A.
 TITLE Direct Submission
 JOURNAL Submitted (27-JUN-1995) Misha H. Angrist, Genetics, Case Western Reserve, 10900 Euclid Ave, Cleveland, OH 44106-4955, USA
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 BASE COUNT 277 a 284 c 295 g 220 t
 ORIGIN

Query Match 20.3%; Score 159; DB 9; Length 1076;
 Best Local Similarity 54.4%; Pred. No. 1.3e-30;
 Matches 355; Conservative 0; Mismatches 280; Indels 18; Gaps 1;

Oy 13 CCCAGAGAGAAATCTGCGCAAGCCCAAGCTGAGTTCCTCTGTGCAAGGCGGAGGA 72
 Db 148 CAG 207
 Oy 73 CTTGTGACCATGAG 132
 Db 208 CCCCTGCGCAAGCCGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 267
 Oy 133 GCAGTGGCGCGGCGAGCTGTGCTGAGAGTCTGAGAGAGAGAGAGAGAGAGAGAG 192
 Db 268 TCTCTGAGATCAGACCCCGGAGATTTCCGCGAGAGAGAGAGAGAGAGAGAGAGAT 327
 Oy 193 GATGAGAGCTGTGTGAG 252
 Db 328 GAG 387
 Oy 253 GTCACAGTGGCAAGAGTCTCCATGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 432
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 Oy 313 GAG 372
 Db 448 GAG 507
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 Oy 433 ATCAAG 492
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 Oy 493 ACCCTCCCTCAGTCCAG 552
 Db 610 ACCCTCCAGTCCAG 669
 Oy 553 TGGCTACAG 612
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 Db 730 AGCTACAGTGTGAG 782

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 DEFINITION Homo sapiens, Src-like-adapter, clone MGC.12434 IMAGE:3838933,
 mRNA, complete cds.
 ACCESSION BC007042
 VERSION BC007042.1 GI:13937869
 KEYWORDS MGC.
 SOURCE Homo sapiens.
 ORGANISM Homo sapiens.
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 1 (bases 1 to 1870)
 REFERENCE
 AUTHORS Strausberg, R.
 TITLE Direct Submission
 JOURNAL Submitted (30-APR-2001) National Institutes of Health, Mammalian Gene Collection (MGC), Cancer Genomics Office, National Cancer Institute, 31 Center Drive, Room 11A03, Bethesda, MD 20892-2590, USA
 REMARK
 NIH-MGC Project URL: <http://mgc.ncl.nih.gov>
 Contact: MGC help desk
 Email: cgabbs-remail.nih.gov
 Tissue Procurement: ATCC
 cDNA Library Preparation: CLONTECH Laboratories, Inc.

CDNA library Arrayed by: The I.M.A.G.E. Consortium (LNU)
 DNA Sequencing by: Sequencing Group at the Stanford Human Genome
 Center, Stanford University School of Medicine, Stanford, CA 94305
 Web site: <http://www-shgc.stanford.edu>
 Contact: (Dickson, Mark) mdickpaxil.stanford.edu
 Dickson, M., Schmutz, J., Grimwood, J., Rodriguez, A., and Myers,
 R. M.

Clone distribution: MGC clone distribution information can be found
 through the I.M.A.G.E. Consortium/LNU at: <http://image.llnl.gov>
 Series: IRAL Plate: 16 Row: b Column: 3
 This clone was selected for full length sequencing because it
 passed the following selection criteria: matched mRNA gi: 1173538.

FEATURES

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CDS

BASE COUNT 495 a 471 c 496 g 408 t
 ORIGIN

Query Match 20.3%; Score 159; DB 9; Length 1870;

Best Local Similarity 54.4%; Pred. No. 1.3e-30;

Matches 355; Conservative 0; Mismatches 280; Indels 18; Gaps 1;

13 CCCAGCAGAGAAATCTCTGCAAGCCCAAGCTTACCTCTGTCAGGCGCAGGA 72
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 73 CCTGTGACATGGAAGAGAGAGCAAGGCCACAGCCGTGCGCTGGCAGTTCCCG 132
 182 CCCCTGCCAACCCGAGGAGCTGATGCACTTCTTCCGTGCTAATGATCACTCCG 241
 133 GCAGGTGCCCCGCGCAGCTGCTGAGACTGCGGAGCCATTGACCATGCTCTGAG 192
 242 TCTCTGACATGAGCCGCCGATATTCGCGCGAGGAGAACTGCGTGAATTTTGAT 301
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 302 GAAGGGGCTGTGAGAAAGTATTTCTTAAGCATGCTGTCAGAGAGTATCACTCTGA 361
 253 GTCACTGTGCAAAAGTCTCCCATGAGTGTGATGAGGGCTTGAAGAGGAGAAAGA 312
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 313 GAGGAAGTGTGTTGTTACCTGGGAACCTGAGGGGCTTCTCTCATCCGGAGAGCCAG 372
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 373 ACCAGAGAGGCTTTACTCTGTCTGCACTCGGCTCAAGCCGCTTCATCTGGAGCCG 432
 482 ACCAAGAAAGGTTTACTCACTGTCGCTGAGACAGCA-----G 523
 433 ATCAGACACTACAGATTCACCTGACCAATGGCTGCTTATACATCTACGCGCCTC 492
 524 GTAAAGCATTAACGCAATTTTCGTGCGCCAAACAGTGTACTACATTTCCCGAGGCTC 583

QY 493 ACTTCCCTCACTCCAGGCGCTGTGAGCACTTACTCTGAGTGGCGATGACATTCG 552
 DB 584 ACCCTTCAGCTCTGAGAGACCTGTGAAACCATATTTGAGTGGCTGAGTGGCTGCG 643
 QY 553 TGCCTACTCAAGAGCCCTGTGTCTGTCAGAGGCTGCGCCGCTCTCGGCAAGATATA 612
 DB 644 TGTGTCTTACACAGCCCTTGTGCAACAAAGCAGGCTGCCCCAGCAGTGAAGGCTCC 703
 QY 613 CCCCTTCTGTGACTGTGTCAGAGACACCACTCACTGGAAGAGACTGAGAG 665
 DB 704 AGCTCACTGTACCTTGTGCTGAGAAAGTGTGACTGAGAGAGTGTCCAG 756

RESULT 14

AX333017 2665 bp DNA linear PAT 09-JAN-2002
 LOCUS AX333017
 DEFINITION Sequence 3526 from Patent WO0194629.
 ACCESSION AX333017
 VERSION AX333017.1 GI:18123651
 KEYWORDS
 SOURCE human.
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE
 1 Young, P.E., Augustus, M., Carter, K.C., Ebner, R., Endress, G.,
 Horigan, S., Soppet, D.R. and Weaver, Z.,
 Cancer gene determination and therapeutic screening using signature

JOURNAL

Patent: WO 0194629-A 3526 13-DEC-2001;
 Avalon Pharmaceuticals (US)

FEATURES

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 1. 2665
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 ACCESSION D89077
 VERSION D89077.1 GI:1694681
 KEYWORDS Src-like adapter protein.
 SOURCE Homo sapiens cell_line:U937 cDNA to mRNA.
 ORGANISM Homo sapiens

REFERENCE
 AUTHORS Ohnuki, T., Hatake, K., Ikeda, M., Tomizuka, H., Terui, Y., Uwai, M. and
 Miura, Y.
 TITLE Expression of Src-like adapter protein is induced by all trans
 retinoic acid
 JOURNAL Unpublished
 REFERENCE 2 (bases 1 to 2665)
 AUTHORS Ohnuki, T.
 TITLE Direct Submission
 JOURNAL Submitted (15-NOV-1996) Teruya Ohnuki, Uichi Medical School,
 Division of Hematology, 331-1 Yakushiji, Minamikawachi, Kawachi,
 Tochigi 329-04, Japan (E-mail: tohnuki@jichi.ac.jp,
 Tel:0285-44-2111, Fax:0285-44-5258)
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CDS

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Query Match 20.3%; Score 159; DB 9; Length 2665;
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 Matches 355; Conservative 0; Mismatches 280; Indels 18; Gaps 1;

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